Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 25 Sep 2021 until 23:59 on Sunday 26 Sep 2021

Forecast Issued on Saturday 25 Sep 2021 at 03:56

Confidence: High confidence for a mainly settled weekend, but low for cloud detail and extent of limited warm sunny spells in any breaks. High confidence in more unsettled, cooler, showery conditions greeting the new week, but lower confidence in potentially more impactful rain Tuesday.

Headline for Saturday 25 Sep 2021: Overcast murky start, with patchy drizzle, very gradually brightening up.

Mountain weather hazards on Saturday 25 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG				
Fog	Fog	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	20%	20%	10%	10%	30%

Forecast for Saturday 25 Sep 2021

Weather: A dull and murky start, with extensive low cloud, hill fog and low level mist. Occasional drizzle is also possible, this more likely over west-facing ground. A very gradual improvement is then likely as today progresses, to perhaps allow some limited late sunny spells in places, these most likely across the east. Cloud lowering this evening with widespread hill fog developing, requiring care and navigational skills for late descents.

Chance of cloud free mountain/hill tops above 600m: Nil across western areas this morning with widespread cloud above 300m, and 70% across western areas. Very gradually improving to 70% late afternoon across the Peak District, with cloud narrowly clearing the highest ground and developing breaks by this time. Decreasing 40% this evening.

Visibility: Poor or very poor at first, with very limited visibility over the summits. Possibly improving this afternoon so close by hills are visible, perhaps very good in the east with distant hill visible here. This evening the visibility generally decreases, with very poor visibility developing again over summits.

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Forecast for Saturday 25 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	9/11 SW	8/12 SW	8/11 SW	9/14 S	11/18 S	11/18 S
300	7/10 SW	6/9 SW	7/11 SW	6/10 S	7/13 S	8/13 S	8/14 S
Valley	5/10 SW	5/8 SW	6/10 SW	5/9 SW	5/11 SE	5/14 SE	5/14 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/12	14/12	15/14	16/15	15/14	14/12	14/12
300	15/14	16/15	18/17	19/18	18/17	16/16	16/15
Valley	15/15	16/16	18/18	19/20	18/18	16/16	16/16
Freezing Level*	3100m	3400m	3300m	3100m	3100m	2900m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very mild for the time of year, however layers are still advised given the breeze and potential for damp conditions at height, especially early and late. Navigational difficulties should be expected with the hill fog, especially this morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 25 Sep 2021	0.8mm	1.4mm	1.4mm

Forecast for Sunday 26 Sep 2021

Weather: Probably a foggy start with extensive low cloud and occasional drizzle, particularly across western areas. Broken cloud is possible across eastern areas, but the resulting clear spells are likely to allow low level fog to form. Low cloud, hill fog and low level fog should thin and break by mid-morning, leaving a bright but increasingly breezy day, with some warm bright or sunny spells. Becoming cloudy through the evening.

Maximum wind: Increasing southerly 25mph gusting 35mph.

Chance of cloud free mountain/hill tops above 600m: Banks of low cloud initially shrouding the slopes and summits, therefore nil across western areas and 30% across the west, improving generally 90% later.

Visibility: Poor or very poor at first, with very limited visibility over the summits. Improving so close by hills are visible, perhaps distant hills visible for eastern areas.

Temperature: **Valleys:** Plus 11 becoming plus 19 degrees Celsius.
At 600m: Plus 13 degrees Celsius.
Freezing level: Well above the peaks.

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